

CLAIMS

1. A method of wireless communications between a first network and a second network enabling a mobile station (MS) subscribed in the first network to communicate using the second network, comprising:

storing an identity of the mobile station;

obtaining authentication information from the first network based on the identity of the mobile station;

using the authentication information from the first network to create a key;

substituting the key for SSD-A used in a first algorithm to authenticate the mobile station; and

substituting the key for SSD-B used in a second algorithm to encrypt messages between the mobile station and the second network.